

ABSTRACT

10 The invention concerns a method for making a
polyurethane foam by reacting at least a polyester
polyol with at least a polyisocyanate in the presence
15 of a foaming agent and a catalytic agent, such a
polyester polyol having been previously obtained by
20 reacting a reactive acid Λ comprising at least an
aliphatic or aromatic polyacid with functionality not
less than 2 with at least a polyol P2 with
25 functionality equal to 2 and at least an aliphatic or
aromatic polyacid with functionality not less than 2
with at least a polyol P2 with functionality equal to
30 2 and at least a polyol P3 with functionality not
less than 3, being thereafter called AP2P3, wherein
35 the catalytic agent at least partly consists of at
least one amine polyester polyol AP2P3, wherein at
40 least part of polyol P3 consists of at least a
polyoxyalkylene polyalkanolamine having at least a
tertiary amine function, the alkanol radicals of said
45 polyalkanolamine being C1-C6, the alkylene oxide
units being C2-C4 and the statistical mean of the
50 number N of alkylene oxide units per polyoxyalkylene
polyalkanolamine being equal to $f \times X$, f being the
number of hydroxyl functions per polyalkanolamine
55 molecule and X being a number ranging between 1 and
10, inclusively.